

AMENDMENTS TO THE CLAIMS

1. (Original) An encoded data structure comprising a body portion and a header portion, wherein the header portion comprises a data identifier for identifying the type of data in the body portion.

2. (Original) An encoded data structure comprising a body portion including ring tone data and a header portion having a function of indexing the body portion, wherein the header portion comprises a data identifier for identifying whether the data in the body portion is ring tone data or not, the data identifier including a combination of data that exists only in ring tone data.

3. (Original) The data structure according to claim 1 or 2, wherein the header portion further comprises an encryption identifier indicating whether or not the data in the body portion is encrypted.

4. (Original) A code-reading terminal comprising:
an imaging unit for photographing encoded data comprising a header portion and a body portion, the header portion including a data identifier indicating the type of data in the body portion;

a data identifying unit for determining the type of the encoded data photographed by the imaging unit on the basis of the data identifier; and
a control unit for reading the encoded data depending on the data type determined by the data identifying unit, and reproducing the data that has been read.

5. (Original) A cellular phone comprising the code-reading terminal according to claim 4.

6. (Original) The code-reading terminal according to claim 4, wherein whether or not the encoded data is encrypted is determined and, if encrypted, the data is reproduced after decryption.

7. (Original) The code-reading terminal according to claim 5, wherein the data type is determined by the data identifying unit when the encoded data is read, and wherein encrypted data is decrypted and then reproduced, while unencrypted data is displayed.

8. (Original) A ring tone data code-reading terminal comprising:

an imaging unit for photographing encoded data comprising a header portion and a body portion, the body portion including encoded ring tone data, and the header portion including a data identifier indicating the type of data in the body portion;

a data identifier unit for identifying the data type of the encoded data photographed by the imaging unit on the basis of the data identifier; and

a control unit for reading the encoded data depending on the data type identified by the data identifying unit and for reproducing the ring tone data that has been read.

9. (Original) A cellular phone comprising the code-reading terminal according to claim 8.

10. (Original) A program for causing a computer to carry out the steps of:

photographing encoded data comprising a header portion and a body portion, the header portion including a data identifier indicating the type of data in the body portion;

identifying the type of the encoded data that has been photographed on the basis of the data identifier; and

reading the encoded data depending on the data type identified and reproducing the data that has been read.

11. (Original) A recording medium in which a program is recorded for causing a computer to carry out the steps of:

photographing encoded data comprising a header portion and a body portion, the header portion including a data identifier indicating the type of data in the body portion;

identifying the type of the encoded data that has been photographed on the basis of the data identifier; and

reading the encoded data depending on the data type identified and reproducing the data that has been read.

12. (New) The code-reading terminal according to claim 4, wherein said data identifying unit determines whether the type of the encoded data is either ring tone data or data other than ring tone data based on the data identifier, and if the encoded data is determined to be ring tone data, the data in the body portion is reproduced by said control unit.

13. (New) The code-reading terminal according to claim 4, wherein said data identifying unit determines whether the type of the encoded data is either ring tone data or data other than ring tone data based on the data identifier, and if the encoded

Application No.: 10/618,762

Docket No.: 1254-0230P

data is determined to be data other than ring tone data, the data other than ring tone data is displayed on the display unit by said control unit.